

LA-UR-19-30914

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Title: LANL 2019 Operations and Maintenance Highlights

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Intended for: Presentation

Issued: 2019-10-25



LANL 2019 Operations and Maintenance Highlights

Weapons Infrastructure Program



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October 25, 2019





LANL 2019 Operations and Maintenance Highlights

TA55

- Completed the 2018 documented safety analysis which addressed the close out of legacy conditions of approval and evaluation of the safety of the situations. (OPS)
- · Designed and piloted alternative resettable fusible link design for drop boxes (fire suppression) in PF4. (MAINT)

CMR

CMR main freight elevator upgrade enabling continued cleanout activities to be performed safely and efficiently. (MAINT)

Waste facilities

- RANT readiness completed 2/28/19 and completed 14 and shipments of TRU waste (454 containers). (OPS)
- RANT paving and HVAC installation improving material handling safety and worker comfort during waste packaging activities. (MAINT)

RLUOB

- Completed Engineering Assessment in support of transitioning the facility from a 38.6 gram equivalent radiological facility to a 400 gram equivalent nuclear Hazard Category 3 facility. (OPS)
- Established a permanent full time maintenance crew dedicated to correcting fire barrier penetrations throughout the building. (MAINT)

RLWTF

• Completed the installation of eight moisture monitoring wells at the Solar Evaporation Tanks – GWDP (OPS)

LANSCE

- Target 4 crane repair within the Weapons Neutron Research facility (MAINT)
- Performed critical weld repair in LINAC to resume accelerator operations (MAINT)

WFO

- DARHT chiller and cooling tower replacement (MAINT)
- A New Activity Approval Process was developed and is now routinely performed by WFO. (OPS)
- Removal of asbestos tile flooring in Rm's 10,11, 22 and 23 totaling 4,000 square feet (MAINT)
- 132 lights replaced on the shop floor to LED's. (MAINT)

DARHT Chiller and Cooling Tower Upgrade (MAINT)



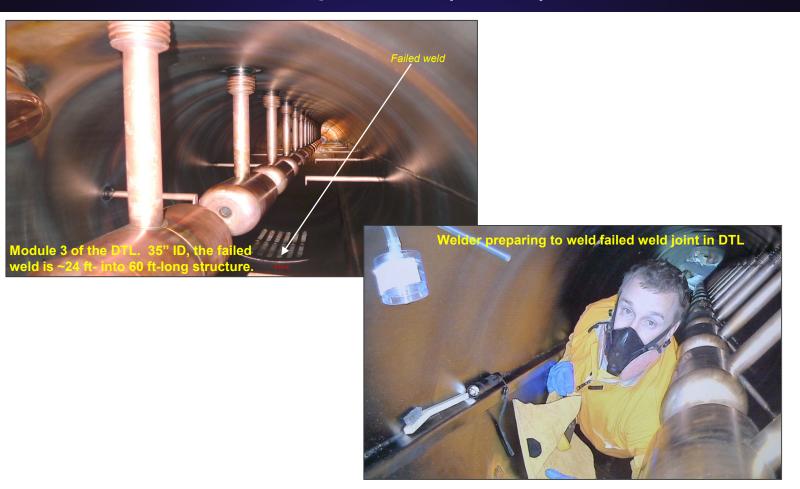






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Performed critical weld repair in LANSCE LINAC to resume accelerator operations (MAINT)





Established a permanent full time maintenance crew dedicated to correcting fire barrier penetrations throughout RLUOB. (MAINT)



Inspection: 1/2" insulated copper pipes are not firestopped correctly.

Corrected: 1/2" insulated copper pipes with added insulation onto the pipes and sealed each penetration with Hitli System W-J-5042.



Completed the installation of eight moisture monitoring wells at the Solar Evaporation Tanks (OPS)



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RANT readiness completed 2/28/19 and completed 14 and shipments of TRU waste (454 containers). (OPS)





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